

ROZENBLAT, V.V.; VOROB'YEV, A.T.

Method for deriving cardiac biocurrents in man using dynamic  
radiotolometry. Biul. eksp. biol. i med. 52 no.10:119-122 O '61.  
(MIRA 15:1)

1. Iz laboratorii meditsinskoy radioelectrokiki (zav. - kandidat  
meditsinskikh nauk V.V.Rozenblat) gorodskogo vrachebno-fizkul'turnogo  
dispansera (glavnyy vrach M.B.Kazakov), Sverdlovsk. Predstavlena  
deyatvitel'nym chlenom AMN SSSR A.A.Latavet).  
(ELECTROCARDIOGRAPHY)

ALEKSEYEV, A.P., otv. red.; ADROV, M.M., spets. red.; KONSTANTINOV, K.G., spets. red.; KUTAKOV, B.G., red.; MASLOV, N.A., red.; MINDER, L.P., red.; NIKOL'SKIY, L.S., red.; STAROVYTOV, P.A., red.; SURKOV, S.S., red.; KHRANOVSKIY, A.Yu., red.; YUDANOV, I.G., red.; VOROB'YEV, A.T., red.

[Materials of the session of the Scientific Council of the Arctic Scientific Research Institute of Marine Fisheries and Oceanography dealing with the results of research in 1962-1963] Materialy sessii Uchenogo soveta PINRO po rezul'tatam issledovaniy v 1962-1963 gg. Murmansk, 1964. 237 p.  
(MIRA 18:1)

1. Murmansk. Polyarnyy nauchno-issledovatel'skiy i proyekt-nyy institut morskogo rybnogo khozyaystva i okeanografii.
2. Direktor Polyarnogo nauchno-issledovatel'skogo i proyekt-nogo instituta morskogo rybnogo khozyaystva i okeanografii, Murmansk (for Alekseyev).
3. Laboratoriya vosproizvodstva Polyarnogo Nauchno-issledovatel'skogo i proyekt-nogo instituta morskogo rybnogo khozyaystva i okeanografii, Murmansk (for Surkov).
4. Laboratoriya tekhniki promyshlennogo rybolovstva Polyarnogo nauchno-issledovatel'skogo i proyekt-nogo instituta morskogo rybnogo khozyaystva i okeanografii, Murmansk (for Starovoytov).

ROZENBLAT, V.V.; VOROB'YEV, A.T. (Sverdlovsk)

Electronics laboratory in the service of sports medicine.  
Biul. Uch. med. sov. 3 no.4:24-27 J1-Ag '62. (MIRA 17:8)

AUTHOR: Vorob'yev, A.V., in charge of the Physics workshop of the Oblast IUU SOT-47-58-6-26/25

TITLE: A Scientific-Practical Conference of the Amur Oblast School Teachers (Nauchno-prakticheskaya konferentsiya uchiteley shkol Amurskoy oblasti)

PERIODICAL: Fizika v shkole, 1958, Nr 6, pp 91 - 92 (USSR)

ABSTRACT: In 1958, the Amur Oblast Institute of Teachers' Advanced Training conducted an Oblast scientific-practical conference of physics and mathematics teachers for the purpose of generalizing and popularizing advanced experience on raising the quality of teaching and education. At the plenary meeting a report was heard "On the State of and Measures for a Further Improvement of Tuition, and the Extent of Students' Knowledge in Mathematics and Physics". The author describes the method applied by Yu.G. Kengurov, teacher of the 16th Secondary School at Raychikhinsk and speaks of the 2 demonstrations adopted by L.N. D'yachkova, physics teacher of the 9th Secondary School of the town of Svobodnyy, on the theme "Direct Electric Current". Teacher N.K. Mungalov (Blagovesh-

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A Scientific-Practical Conference of the Amur Oblast School Teachers

SOV-47-58-6-26/28

chensk) told of his experience in teaching "The Structure of an Atom". V.P. Miller, teacher of the School of Working Youth at Station Mikhaylo-Chesnokovskaya, reported on the organization and conduct of laboratory work. An exhibition of devices made by students was shown to the members of the conference.

ASSOCIATION: Kabinet fiziki Oblastnogo Instituta Usovershenstvovaniya uchiteley (IUU) (Oblast Institute of Teachers' Advanced Training)

1. Mathematics--Study and teaching    2. Physics--Study and teaching

Card 2/2

VOROB'YEV, A. V.

VOROB'YEV, A. V. - "On the theory of semiadditive functions". Moscow, 1955.  
Min Education RSFSR, Moscow Oblast Pedagogical Inst. (Dissertation for the  
Degree of Candidate of Physicomathematical Sciences.)

SJ: Knizhnaya Lituia' No. 46, 12 November 1955. Moscow

ROMANOVSKIY, P.I.; VOROB'YEV, A.V.

Conditions for boundedness and evaluations of the growth of semi-additive functions. Uch. zap. MOPI 57 no.4:99-106 '57. (MIRA 11:6)  
(Algebra, Abstract)

VOROB'YEV, A.V.

Semiadditive functions on sets of an  $n$ -dimensional Euclidean  
space. Uch. zap. MORI 57 no.4:107-120 '57. (MIRA 11:6)  
(Functional analysis)



VOROB'YEV, A.V.;TIKHOMYEV, N.N.

Physical modeling of corona characteristics. Zhur.tekh.fiz.25  
no.11:2008-2010 0 '55. (MLRA 9:1)  
(Corona (Electricity))

VOROB'YEV, A.V.: TIKHODEYEV, N.N.

Effect of the geometric parameters of high-tension d.c. transmission  
lines on generalized corona characteristics. Zhur.tekh.fiz. 26 no.4:  
759-766 Ap '56. (MLRA 9:8)  
(Electric lines) (Corona (Electricity))

VOROB'YEV, A.V.

USSR/Electronics - Gas Discharge and Gas-Discharge Instruments, H-7

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35168

Author: Vorob'yev, A. V., Tikhodeyev, N. N.

Institution: NIPT, Moscow

Title: Effect of Geometric Parameters of High-Voltage D-C Transmission Line on the Generalized Characteristics of the Corona. II. Bipolar Line

Original

Periodical: Zh. tekhn. fiziki, 1956, 26, No 4, 767-771

Abstract: Experimental data are given on a model of a transmission line with a voltage of  $\pm 100$  kv, characterizing the effects of various geometric parameters of the bipolar line on the corona currents. The change in the generalized characteristic due to a change in the parameter  $2b/r_0$  is insignificant over a range covering all possible relationships on d-c lines of very high voltages. The parameter  $2b/H$  hardly affects the generalized characteristics, making it possible to conclude that it is possible to stimulate a bipolar line without taking into

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USSR/Electronics - Gas Discharge and Gas-Discharge Instruments, H-7

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35168

Abstract: account the sag of the conductors ( $2b$  -- distance between conductors,  $r_0$  -- radius of conductor,  $H$  -- height of suspension). Dividing the wires produces the same effect as for the case of unipolar corona in a split wire.

Card 2/2

VOROB'YEV, A.V.; TIKHODEYEV, N.N.

Studying corona characteristics on a model of a d.c. high-voltage  
line. Trudy LPI no.195:314-322 '58. (MIRA 11:10)

(Corona (Electricity))

(Electric power distribution--Direct current)

ACC NR: AR6027134

SOURCE CODE: UR/0272/66/000/004/0143/0144

AUTHOR: Vorob'yev, A. V.

TITLE: Precision measurement of high dc voltages by means of high-impedance voltage dividers

SOURCE: Ref. zh. Metrologiya i izmeritel'naya tekhnika, Abs. 4.32.1041

REF SOURCE: Izv. N.-i. in-ta postoyan. toka, sb. 11, 1965, 337-341

TOPIC TAGS: electric measurement, electric measuring instrument, voltage divider

ABSTRACT: Some problems of precision measurement of high dc voltages of the order of several hundred kilowatts by means of high-impedance voltage dividers are discussed. Special emphasis is given to methods (M) of checking the division ratio of the dividers under operating conditions. A modification of the bridge M is proposed which makes possible the self-checking of the dividers. A new M of checking is proposed: an M of a sample signal, transferred to this branch of technology from the practice of adaptive automatic systems. [Translation of abstract] 3 illustrations and bibliography of 4 titles. Ye. Kiyayev

SUB CODE: 09, 14

Card 1/1

UDC: 621.317.727.2.027.3

VOROB'YEV, A.V.

All-Union scientific technical conference on the generalization of practice in using mathematical machines in the automobile industry. Avt. prom. 29 no.4:48 Ap '63. (MIRA 16:6)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.  
(Automobile industry)  
(Calculating machines)

S/113/60/000/010/013/014  
D270/D301

AUTHORS: Khorin, A.D., Vorob'yev, A.V.

TITLE: All-Union conference on methods and apparatus for testing automobiles and their assemblies

PERIODICAL: Avtomobil'naya promyshlennost', no. 10, 1960, 41 - 43

TEXT: The Vsesoyuznoye soveshchaniye o metodike apparature dlya eksperimental'nogo issledovaniya avtomobiley, dvigateley i ikh agregatov (All-Union Conference on Methods and Apparatus for the Experimental Study of Automobiles, Engines and their Assemblies) was held at NAMI from 17-19 May, 1961. An exhibition of instruments and mobile laboratories was also staged. Electromechanical instruments for indicating the state of operating conditions were presented by the Moskovskiy avtozavod imeni Likhacheva (Moscow Automobile Plant imeni Likhachev), Gor'kovskiy avtozavod (Gor'kiy Automobile Plant), NAMI and the Institut mashinovedeniya Gruzinskoy SSR (Institute of Machine Science of the Georgian SSR). Electronic instruments for the static study of deformations or stresses in compo-

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All-Union conference on methods and ... S/113/60/000/010/013/014  
D270/D301

nents during road tests held the greatest interest. The NAMI instrument permits the simultaneous recording of work at many points. The Gor'kiy Automobile Plant exhibited temperature measuring equipment. Small battery-operated strain gage amplifiers with eight channels were shown by SBK of the Ural'skiy avtozavod (Urals Automobile Plant) and NAMI. The Moskovskiy karbyuratornyy zavod (Moscow Carburettor Plant) presented a stand for testing telescopic shock absorbers. The Moskovskiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva (Moscow Institute of the Mechanization and Electrification of Agriculture) demonstrated a mobile laboratory for field testing tractors and similar machines. Papers and reports read at the Conference indicated the increased level of mechanization of experimental and research work. Original remote measurement of temperature was described by the Gor'kiy Automobil Plant; the measurement of power and torque on the shaft of a car was reported by the Leningradskaya lesotekhnicheskaya akademiya (Leningrad Forest-Engineering Academy) and the Moscow Automobil Plant imeni Likhachev; strain gage instruments by NAMI, and the Ul'yanovsk and Urals Automobile Plants; work pick-ups and converters by the Khar'-

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S/113/60/000/010/013/014  
All-Union conference on methods and ... D270/D301

kovskiy politekhnicheskii insitut (Khar'kov Polytechnical Institute), the Engines Laboratory of the AN SSSR (AS USSR), the Nauchno-issledovatel'skiy institut shinnoy promyshlennosti (Scientific Research Institute of the Tire Industry, etc.). Engineer M.I. Briskin (NAMI) reported on MTU-4 (MTU-4) and AM-3 strain gages. The MTU-4 four-channel strain gage amplifier for dynamic testing has the following features: miniature valves, 12 v battery anode supply via a semiconductor triodes inverter; small size, weight and current consumption; control system which reduces the chances of wrong manipulations; stable balancing and automatic direction of the calibrating signals. For static tests, the self-balancing AM-3 amplifier, developed by NAMI with discreet, series reduction steps, is used; it allows up to 100 tests in 5 minutes to be carried out. The Khar'kovskiy avtodorezhnyy institut (Khar'kov Automobile Highway Institute) exhibited a mobile laboratory for complex study of the interaction between vehicle and road. The readings are recorded by an oscillograph. Torque is measured by a specially designed dynamometric half-shaft. The Moskovskiy zavod malolitrzhnykh avtomobiley (Moscow Small Automobile Plant) has designed a mobile laborato-

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All-Union conference on methods and ... S/113/60/000/010/013/014  
D270/D301

ry which was reported by V.K. Aleksandrov. It consisted of: automatic fuel metering system; pick-up for speed counting; distance recorder and revolutions counter; load register; apparatus for studying economic and dynamic problems. The final session of the conference heard papers by: Candidate of Technical Sciences M.I. Lur'ye (NAMI) on "Experimental and calculation methods of studying the dynamics and fuel economy of card"; V.N. Lukin (NAMI) on "Method of measuring noise in the internal combustion car engine" etc.; Engineer F.T. Shibayev of the Gor'kiy Automobile Plant presented a paper on "The Use of high-speed photography for testing cars, engines and units". The conference passes a resolution on the development of research work in automobile construction, including the organization of a specialized factory for batch production of typical complex installations and for apparatus required in car plants and scientific institutes. There are 2 figures.

ASSOCIATION: NAMI

Card 4/4

KHORIN, A.D.; VOROB'YEV, A.V.

All-union conference on methods and equipment for testing motor vehicles and their unites. Avt.prom. no.10;41-43 0 '60. (MIRA 13:11)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.  
(Motor vehicles--Testing)

VOROB'YEV, A.V., inzh.

Electrode transducers in systems of automatic control, signalling  
and monitoring. Mekh.i avtom. proizvod. 17 no. 3:34-36 Mr '63.  
(MIRA 17:9)

AVDEYEV, I.M.; VOROB'YEV, A.Ye., starshiy veterinarnyy vrach sovkhosa.

Eye diseases caused by avitaminosis in calves. Veterinariia 32  
no.2:73-74 P '55. (MLRA 8:3)

1. Bryanskaya meshsevkhozsnaya vetbaklaboratoriya (for Avdeyev).  
(CALVES--DISEASES) (EYE--DISEASES AND DEFECTS) (DEFICIENCY DISEASES)

VOROB'YEV, A.Z.; GAVRILOVA, Ye.A.; KULESHOV, D.Ya.

Effect of the frequency of loading on the strength of aluminum  
alloys. Zav. lab. 29 no.10:1228-1230 '63. (MIRA 16:12)

ACC NR: AP6028194

SOURCE CODE: UR/0032/66/032/006/0733/0736

AUTHOR: Vorob'yev, A. Z.; Gavrilova, Ye. A.; Dotsenko, A. M.

ORG: None

TITLE: The effect of rarely occurring compression cycles upon the endurance of a structural member

SOURCE: Zavodskaya laboratoriya, v. 32, no. 6, 1966, 733-736

TOPIC TAGS: *METAL TUBE, COMPRESSIVE STRESS,*  
mechanical fatigue, fatigue strength, fatigue test, alloy steel,  
duralumin / 30KhGSA alloy steel, D16T duralumin

ABSTRACT: The fatigue tests applied to the samples of tubes made of D16T duralumin and 30KhGSA alloy steel are discussed. The samples are shown in a figure and their mechanical properties are given in a footnote. The specimen were subjected to repeated cyclic loads with an intervention of rarely occurring compression cycles, as shown in a diagram. The cycles causing tensile stresses were of 0.1 - 0.25 and 22 cps, while the frequency of the compression cycle was 0.1 cps. The results of endurance tests are reflected in the graphs. The first graph represents a set of curves demonstrating that the rarely intervening compressive stresses considerably lower the endurance limits of tested samples. Another set of curves shows that a more frequent repetition of compression cycles causes a greater fatigue of material. The tests conducted with D16T samples proved that the

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UDC: 620.178.3



ACC NR: AP6028194

effect of compression is greater if each cycle consisted of a series of repeated variable tensile and compressive stresses. In general, the endurance of material is lowered with the increase of compressive stress and probably with the decrease of basic tensile stress. Orig. art. has: 5 diagrams.

SUB CODES: 11, 13/ BUREAU DATE: None / OTH REF: 002

Card 2/2

SOV/84-59-10-24/53

1(  
AUTHOR:

Vorob'yev, B., Subunit Commander

TITLE:

The An-6 on High-Mountain Routes

PERIODICAL:

Grazhdanskaya aviatsiya, 1959, Nr 10, p 17 (USSR)

ABSTRACT:

This is a critique of the An-6, made to Aeroflot's order, on the basis of the original An-2 design. The An-6 can reach altitudes of up to 8,000 m, and is therefore used on the high-mountain routes of Tadzhikistan. The automatic pilot and the GIK-1 compass installed in the An-6, however, often fail. The readings of the KI-12 compass are unsteady because of vibrations. The power boost, on switching in the Tk-19 turbo-compressor is 10-15 seconds late, which is dangerous when the plane must climb for a second approach. At altitudes over 6,000 m, the Tk-19 turbo-compressor cannot be turned off, without affecting the normal work of the engine. The An-6 is difficult to service because of the cramped location of its mechanisms and equipment. Replacements

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The An-6 on High-Mountain Routes

SOV/84-59-10-24/53

for equipment, and spare parts for the engine and for the turbo-compressor, are unavailable. Although the author's subunit has been flying the An-6 for more than one year, it has not yet received any operation and flight instructions, nor a description of the Tk-19 unit.

Card 2/2

VOROB'YEV, B. (Kizlyar)

Entomological binoculars. Zashch. rast. ot vred. i bol. 10  
no. 9:46-47 '65.  
(MLRA 18:11)

POTYUKAYEV, M.; VOROB'YEV, B.; STRONA, P.

On the book by V.D. Malevanskogo "Open gassers and their control".  
Nef. khoz. 41 no.7:75 J1'63 (MIRA 17:7)

VOROB'YEV, B., kandidat tekhnicheskikh nauk; KRYLOV, V.

A twenty-four hour coal slicing cycle. Mast. ugl. 4 no. 9:6-8 8'55.

(MLRA 9:1)

1. Zamestitel' nachal'nika shakhty imeni Stalina kombinata Kuzbass-  
ugol'

(Kuznetsk Basin--Coal mines and mining)

VOROB'YEV, B.A. (Novyy Biryuzyak, Dagestanskoy ASSR)

Folding insect nets. Zashch.rast.ot vred.i bol. 7 no.6:46 Je  
'62. (MIRA 15:12)  
(Insects, Injurious and beneficial—Control)

VOROB'YEV, B.A. (pochtovoye otdeleniye Novyy Biryuzayak, Dagestanskoy ASSR)

Advice to photographers. Zashch. rast. ot vred. 1 bol. 8 no.9:  
33-34 S '63. (MIRA 16:10)



PHASE I BOOK EXPLOITATION

SOV/6260

Gurvich, Lev Veniaminovich, Georgiy Akopovich Khaichkuruzov, Vadim Andreyevich Medvedev, Inessa Veniaminovna Voyta, Georgiy Andreyevich Barzman, Vladimir Stepanovich Yungman, Nina Patrovna Rtishcheva, Lidiya Fedorovna Kuratova, Georgiy Nikolayevich Yurkov, Amaliya Abramovna Kane, Boris Fedorovich Yudin, Boris Isidorovich Brounshteyn, Viktor Feodosyevich Baybuz, Valeriy Aleksandrovich Kvlivdze, Yevgeniy Aleksandrovich Prozorovskiy, and Boris Aleksandrovich Vorob'yev.

Termodinamicheskiye svoystva individual'nykh veshchestv; spravochnik v dvukh tomakh. tom 1: Vychisleniye termodinamicheskikh svoystv; tom 2: Tablitsy termodinamicheskikh svoystv (Thermodynamic Properties of Individual Substances; Reference Book in Two Volumes. v. 1: Calculation of Thermodynamic Properties; v. 2: Tables of Thermodynamic Properties). 2d ed., rev. and enl. Moscow, Izd-vo AN SSSR, 1962. 1161 and 916 p. 4000 copies printed.

Sponsoring Agencies: Akademiya nauk SSSR. Institut goryuchikh iskopayemykh; and Gosudarstvennyy komitet Soveta Ministrov SSSR

Card 1/3

Thermodynamic Properties (Cont.)

30V/6260

po khimii. Institut prikladnoy khimii.

Resp. Ed.: V. P. Glushko, Academician, L. V. Gurvich, G. A. Khachkuruzov, I. V. Veyts, and V. A. Medvedev; Ed. of Publishing House: K. P. Gurov; Tech. Ed.: V. G. Laut.

**PURPOSE:** This reference book may be used in scientific-research and experimental-design work in institutes, design offices, and schools of higher education, as well as for training specialists in chemical thermodynamics and thermal physics.

**COVERAGE:** Volume 1 of this work deals with methods for calculating thermodynamic properties and with the selection of constants required for the calculations. Volume 2 contains tables of thermodynamic properties (reduced thermodynamic potential, entropy, enthalpy, and the logarithm of the dissociation or ionization constants of equilibrium) compiled, where data were lacking, on the basis of published and unpublished material from a number of Soviet research institutes. Thermodynamic properties for the ideal gas

Card 2/9

Thermodynamic Properties (Cont.)

SOV/6260

state are presented in table form for 335 gases, 44 liquids, and 45 solids compounded from 33 chemical elements and their isotopes, viz.: H, D, T, He, Li, Be, B, C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, K, Ca, Br, Kr, Re, Sr, Zr, I, Xe, Cs, Ba, Hg, and Pb. Thermodynamic properties are given for the following 22 gases in the range from room temperature to 20,000°K: H, H<sup>+</sup>, H<sup>-</sup>, O, O<sup>+</sup>, O<sup>-</sup>, O<sub>2</sub>, O<sub>3</sub>, OH, OH<sup>+</sup>, H<sub>2</sub>O, N, N<sup>+</sup>, N<sub>2</sub>, N<sub>2</sub><sup>+</sup>, NO, NO<sup>+</sup>, C, O<sup>+</sup>, CO, CO<sup>+</sup>, and e<sup>-</sup>; for the 14 least stable gases up to 4000°K; and for the remaining 299 gases up to 6000°K. Virial coefficients for 34 gases are also given up to 6000°K.

VOROB'YEV, B.A.

PHASE I BOOK EXPLOITATION

JUN 1960

Gurvich, Lev Veniaminovich, Georgiy Akopovich Khachikuruzov, Vadim Andreyevich Medvedev, Inessa Veniaminovna Veyts, Georgiy Andreyevich Bergman, Vladimir Stepanovich Yungman, Nina Petrovna Rtishcheva, Lidiya Fedorovna Kuratova, Georgiy Nikolayevich Yurkov, Amaliya Abramovna Kane, Boris Fedorovich Yudin, Boris Isidorovich Brounshteyn, Viktor Feodosseyevich Baybuz, Valeriy Aleksandrovich Kvividze, Yevgeniy Aleksandrovich Prozorovskiy, and Boris Aleksandrovich Vorob'yev.

Termodinamicheskiye svoystva individual'nykh veshchestv; spravochnik v dvukh tomakh. tom 1: Vychisleniye termodinamicheskikh svoystv; tom 2: Tablitsy termodinamicheskikh svoystv (Thermodynamic Properties of Individual Substances; Reference Book in Two Volumes. v. 1: Calculation of Thermodynamic Properties; v. 2: Tables of Thermodynamic Properties). 2d ed., rev. and enl. Moscow, Izd-vo AN SSSR, 1962. 1161 and 916 p. 4000 copies printed.

Sponsoring Agencies: Akademiya nauk SSSR. Institut goryuchikh iskopyayemykh; and Gosudarstvennyy komitet Soveta Ministrov SSSR

Card 1/3

Thermodynamic Properties (Cont.)

po khimii. Institut prikladnoy khimii.

80V/5260 10

Resp. Ed.: V. P. Glushko, Academician, L. V. Gurvich, G. A. Khaokuruzov, I. V. Veyts, and V. A. Medvedev; Ed. of Publishing House: K. P. Gurov; Tech. Ed.: V. G. Laut.

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Thermodynamic Properties (Cont.)

SOV/6260

state are presented in table form for 335 gases, 44 liquids, and 45 solids compounded from 33 chemical elements and their isotopes, viz.: H, D, T, He, Li, Be, B, C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, K, Ca, Br, Kr, Re, Sr, Zr, I, Xe, Cs, Ba, Hg, and Pb. Thermodynamic properties are given for the following 22 gases in the range from room temperature to 20,000°K: H<sub>2</sub>, H<sub>2</sub><sup>+</sup>, H<sub>2</sub><sup>-</sup>, O, O<sup>+</sup>, H<sub>2</sub>O, OH, OH<sup>+</sup>, OH<sup>-</sup>, H<sub>2</sub>O, N, N<sup>+</sup>, N<sub>2</sub>, N<sub>2</sub><sup>+</sup>, NO, NO<sup>+</sup>, CO, CO<sup>+</sup>, and e<sup>-</sup>; for the 14 least stable gases up to 4000°K; and for the remaining 299 gases up to 6000°K. Virial coefficients for 34 gases are also given up to 6000°K.

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PART I. METHODS OF CALCULATING THE THERMODYNAMIC PROPERTIES OF INDIVIDUAL SUBSTANCES	

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VOROB'YEV, B.A. (Kizlyar, Dagestanskaya ASSR)

Advice to a photographer entomologist. Zashch. rast. ot vred.  
1 bol. 9 no.8:33-34 '64. (MIRA 17:12)

GURVICH, L.V.; VOROB'YEV, B.A.; KVLIVIDZE, V.A.; PROZOROVSKIY, Yo.A.; TRISHCHEVA, N.P.; YUNGMAN, V.S.

Thermodynamic functions of mono- and diatomic gases within a wide range of temperatures. Part 6:  $O$ ,  $O^+$ ,  $O_2$ , and  $O_2^+$  in the ideal state up to 20 000° K. Trudy GIFKH no.49:38-60 '62.

(MIRA 17:11)



WOROB'YEV, B.A. (Novyy Biryuzyak, Dagestanskoy ASSR)

Combine kills the shield bug Eurygaster integriceps. Zashch.  
rast. ot vred. 1 bol. 7 no. 12:16 D '62. (MIRA 16:7)

(Eurygasters--Extermination)

COUNTRY : . USSR  
 CATEGORY : Zooparasitology. Ticks and Insects -- The  
 Vectors of Disease Pathogens. Insects  
 ABST. JOUR. : RZhioi., No. 1959, No. 10361  
 AUTHOR : Vorob'yev, B. A.  
 INST. :  
 TITLE : Mosquitoes of Tyulen'iy Island  
 ORIG. FOR. : Med. parazitol. i parazitarn. bolezni, 1958,  
 27, No 1, 67-68  
 ABSTRACT : The article deals with the finding of a  
 considerable number of mosquitoes, Aedes  
caspius, Anopheles hyrcanus and A.  
maculipennis, in provisional buildings on the  
 half desert Tyulen'iy Island, which is without  
 any trees (in the Caspian Sea 32 kilometers  
 northwest of Sayutkina Kosa) the island is of  
 alluvial origin and consists of sand and shell-  
 rock covered with a thin layer of soil; because  
 of the high degree of permeability of the soil,  
 CARD: 1/2

16

Country :  
CATEGORY :

ABR. JOUR. : RZBiol., No. 1959, No. 10361

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : apparently, there are no permanent water bodies here, with the exception of salt water bodies in lowlands flooded by the sea, along the northwestern coast of the island. No mosquito larvae were found in them. No male mosquitoes could be found either. After storms an increase was noted in the mosquito census on the island. The possibility of importation of the mosquitoes to the island by the wind is discussed. -- N. Ya. Markovich

CARD: 2/2

VOROB'YEV, B.I., kand. med. nauk

Myocardial blood supply in atherocardiosclerosis. Terap arkh.  
34 no.10:58-64 0\*62 (MIRA 17:4)

1. Iz kafedry propedevticheskoy terapii (zav. - prof. I.V.  
Zherdin) Volgogradskogo meditsinskogo instituta.

VOROB'YEV, B. . (Volgograd, ul. Komsomol'skaya, 10, 1v.85)

Angiocardiarchitectonics under normal conditions and in some  
heart diseases. Arkh. int. gisr. i oim. 45 no. 11:66-70  
N 162. (MIRA 17:8)

I. Kafedra patologicheskoy anatomii i prof. I.V. Khedidin)  
Volgogradskogo meditsinskogo instituta.

POLYANTSEV, A.A. (Volgograd, ul. Pushkina, d.14, kv.46); VOROB'YEV, B.I.;  
VOROB'YEV, A.F.

Our experience in surgical treatment of mitral stenosis. Grudn.  
khir. 5 no.4:12-16 JI-Ag'63 (MIRA 17:1)

1. Iz kliniki obshchey khirurgii (zav. - prof. A.A.Polyantsev)  
i kliniki obshchey terapii (zav. I.V.Zherdin) Volgogradskogo  
meditsinskogo instituta.

VOROB'YEV, B. L.

34091. Perspektivy razvitiya zverovodstva na kol'skom polu<sup>6</sup>strove. Kara-  
kulevodstvo i zverovodstvo, 1949, No. 5, c. 41-43

SO: Knizhuaya, Letopis', Vol. 7, 1955

VOROB'YEV, B.

Neglected creators. Sov.foto 17 no.6:74-75 Je '57. (MLPA 10:8)  
(Photography--Retouching)



VOROB'YEV, B., kandidat tekhnicheskikh nauk.

Perfecting the mining system of coal fields ("Working large steep veins by transversely dipped seams with hydraulic filler." P.Luk'ianov. Reviewed by B.Vorob'ev). Mast.ugl.3 no.1:30 Ja '54.  
(MLRA 7:1)

(Coal mines and mining) (Luk'ianov, P.)

VOROB'YEV, B.A.

Larvae of dipterans inhabiting water accumulations in the axils of the  
teasel plant. Ent. oboz. 39 no. 4: 799-801 '60 (MIRA 14:3)  
(Animals, Habitations of) (Diptera) (Teasel)

GURVICH, L.V.; YUNGMAN, V.S.; PROZOROVSKIY, Ye.A.; VOROB'YEV, B.A.

Calculation of the thermodynamic functions of diatomic gases at high temperatures by the method of direct summation with the aid of an electronic computer. Trudy IGI 12:196-205 '61.

(MIRA 14:3)

(Gases) (Thermodynamics)

VOROB'YEV, B.A.

Mosquitoes of Tyuleniy Island. Med.paraz. i paraz.bol. 27 no.1:  
67-68 Ja-P '58. (MIRA 11:4)

(MOSQUITOES,  
distribution on Tuleniy Island (Rus))

GURVICH, Lev Veniaminovich, kand. khim. nauk; KHACHKURUZOV, Georgiy Akopovich, kand. khim. nauk; MEDVEDEV, Vadim Andreyevich, kand. khim. nauk; VEYTS, Inessa Veniaminovna, kand. khim. nauk; BERGMAN, Georgiy Andreyevich; YUNG'AN, Vladimir Stepanovich; RTISHCHEVA, Nina Petrovna; KURATOVA, Lidiya Fedorovna; YURKOV, Georgiy Nikolayevich; KANE, Amaliya Abramovna; YUDIN, Boris Fedorovich; BROUNSHTEYN, Boris Isidorovich; BAYLUZ, Viktor Feodosyevich; KVLIVIDZE, Valeriy Aleksandrovich; PROZOROVSKIY, Yevgeniy Aleksandrovich; VOROB'YEV, Boris Aleksandrovich; GERASIMOV, Ya.I., retsenzeng; SKURATOV, S.M., prof., retsenzeng; GLUSHKO, V.P., akad., otv.red.; KHACHKURUZOV, G.A., red.; GUROV, K.P., red. izd-va; LAUT, V.G., tekhn.red.

[Thermodynamic properties of individual substances; reference guide in two volumes] Termodinamicheskie svoistva individual'nykh veshchestv; spravochnik v dvukh tomakh. Izd. 2., polnost'iu perer. i rasshirennoe. Pod red. V.P. Glushko (otv. red.) i dr. Moskva, Izd-vo Akad. nauk SSSR. Vol. 1. (Calculation of thermodynamic properties) Vychislenie termodinamicheskikh svoistv. 1962. 1161 p. Vol. 2. [Tables of thermodynamic properties] Tablitsy termodinamicheskikh svoistv. 1962. 916 p. (MIRA 15:10)

(Continued on next card)

VOROB'YEV, B.A.; ANTIPINA, Z.A., redaktor; ALEKSANDROV, V.I., tekhnicheskii  
~~redaktor~~

[Transfer pictures (decalcomania)] Perevodnye izobrazhenia  
(dekal'komania). Moskva, Gos. izd-vo "Iskusstvo," 1952. 106 p.  
[Microfilm] (MLRA 7:10)  
(Decalcomania)

32326  
S/081/61/000/024/008/086  
B138/B102

11.5100  
11.3000  
AUTHORS:

Gurvich, L. V., Yungman, V. S., Prozorovskiy, Ye. A.,  
Vorob'yev, B. A.

TITLE:

Calculation of the thermodynamic functions of diatomic gases  
at elevated temperatures by direct summation on an electro-  
nic machine

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 24, 1961, 62, abstract  
24B422 (Tr. In-ta goryuchikh iskopayemykh AN SSSR, v. 12,  
1961, 196 - 205)

TEXT: A very rapid and precise method is proposed for the calculation  
of the thermodynamic function tables of diatomic perfect gases at tempera-  
tures of up to 20,000 to 25,000°K. The statistical sums are calculated,  
for the rotational vibrational and electron states of the molecule in  
question, by direct summation through the really existant energy levels,  
using a high-speed electronic computer. For this kind of calculation the  
molecular constant which most precisely describes all the energy levels of

Card 1/3

Calculation of the thermodynamic ...

32326  
S/081/61/000/024/008/086  
B138/B102

the molecule must be known, as also the highest values of the quantum numbers up to which summation is to be made. A method is described for calculating vibrational constants and maximum vibrational quantum numbers  $v(\max)$  using the conditions for the convergence of the vibrational levels toward the dissociation limit. A method has been developed for calculating values of rotational quantum numbers  $J(\max)$  for each vibrational state, using the properties of the effective potential curves of the rotating molecule. As an example some results are given of the calculation of the main state  $x^3\Sigma_g^-$  of an  $O_2$  molecule. In particular, to describe the energy of vibrational levels (in  $\text{cm}^{-1}$ ) the equation  $G_0(v) = 1568.077 v - 11.706 v^2 - 0.00255 v^3 + 0.00224 v^4 - 0.0000821 v^5$  is derived, which converges towards the  $41261 \text{ cm}^{-1}$  limit at  $v(\max) = 42$  (experimental values of dissociation energy of  $O_2$  are  $41260 \pm 15 \text{ cm}^{-1}$ ).  $J(\max)$  values are found for all  $v$ . The thermodynamic functions of molecular oxygen are given for the following temperatures:  $5000^\circ\text{K}$  (63.395 and 73.038),  $10000^\circ\text{K}$  (70.457 and 79.942),

Card 2/3



32326

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B138/B102

Calculation of the thermodynamic ...

15000°K (74.229 and 83.255) and 20000°K (76.746 and 83.203) (values in brackets are for the isobaric-isothermal potential  $\phi_T^*$  and entropy  $S_T^0$  respectively, in cal/mol. degree. [Abstracter's note: Complete translation.] ✓

Card 3/3

VOROB'YEV, B           A

N/5  
718.5  
.V9

Perevodnyye izobrazheniya (dekal'komaniya) (Transfer pictures (decalcomania) Moskva, Gos izd-vo "Iskusstvo," 1952.  
106 P. illus., diagra., tables.

VOBOB'YEV, B.A.

From the practice of entomology. Med.paras.i paras.bol. no.6:561-562  
H-D '53. (MLRA 6:12)  
(Insects--Collection and preservation)

24.530°

S/196/62/000/002/013/027  
E194/E155

AUTHORS: Gurvich, L.V., Yungman, V.S., Prozorovskiy, Ye A.,  
and Vorob'yev, B.A.

TITLE: Calculation of the thermodynamic function of  
di-atomic gases at high temperatures by direct  
summation on a computer

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika,  
no.2, 1962, 4, abstract 2G 31. (Tr. In-ta  
goryuchikh iskopayemykh AN SSSR, no.12, 1961,  
196-205)

TEXT: A calculating procedure is described and, by way of  
example, the results of a calculation are given for molecular  
oxygen. The calculations were made on an electronic computer  
БЭСМ (BESM) of AS USSR.

19 literature references.

[Abstractor's note: Complete translation.]

Card 1/1

.10

VOROB'YEV, B.A. (Kizlyar, Dagestanskaya ASSR)

Apparatus for collecting grain thrips. Zashch. rast. ot vred. 1  
bol. 6 no.7:46 JI '61. (MIRA 16:5)  
(Thrips)

VOROB'YEV, B.I.

Functional treatment of intra-articular fractures of the knee joint. Ortop., travm.i protez. 23 no.5:84-86 My '62. (MIRA 15:11)

1. Iz mediko-sanitarnoy chasti zavodov "Zaporozhstal'" i "Dneprospetsstal'" (glavnyy vrach - G.L. Vernikov).  
(KNEE—FRACTURE)

Vorob'yev B.I.

VOROB'YEV, B.I. kand.med.nauk; PAVLOVA, L.D. (Moskva)

Antisymphatin for treating hypertension. Klin.med. 35[1.e.34] no.1  
Supplement:6-7 Ja '57. (MIRA 11:2)  
(HYPERTENSION) (SYMPATHOLYTICS)

Vorob'yev, B.L.  
GROMOV, I.M.; VOROB'EV, B.L.

Scrub vole (*Pitymys* [*Microtus*] *majori* Thos.) in the uplands of  
the western area of the Greater Caucasus. Trudy Zool.inst.  
no.17:135-159 '55. (MIRA 8:10)

(Caucasus--Field mice)



BURCHAKOV, A.S., doktor tekhn. nauk; VOROB'YEV, E.M., kand. tekhn. nauk;  
SHORIN, V.G., doktor tekhn. nauk; AVDULOV, P.V., aspirant

Using the PERT system for planning the expansion of mining  
operations in a mine. Ugol' 40 no.4:30-34 Ap '55.

(MIRA 1845)

1. Moskovskiy institut radioelektroniki i gornoy elektromekhaniki.

*VOROB'YEV D.M.*  
VOROB'YEV, Dm.

Aid for rural amateur photographers ("Aid for the rural amateur  
photographer" by A.N. Vedenov. Reviewed by Dm. Vorob'ev). Sov.  
foto 17 no.12:60-62 D '57. (MIRA 11:1)  
(Photography) (Vedenov, A.N.)

VOROB'YEV, B.M., dots., kand.tekhn.nauk.

Generalizing experiences in mining steep-pitching seams by  
inclined cross-section layers with hydraulic filling. Nauch.  
trudy MGU no.13/14:65-80 '54. (MIRA 10:10)  
(Hydraulic mining)

VOROB'YEV, B.M. 15-57-7-10240  
Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,  
p 233 (USSR)  
AUTHOR: Vorob'yev, B. M.  
TITLE: ~~Proximate Graphic~~ Determinations of Basic Elements in  
Hydraulic Cementing Process (Graficheskiy metod  
priblizhennogo rascheta osnovnykh elementov gidro-  
zakladochnogo kompleksa)  
PERIODICAL: Nauch. tr. po vopr. gorn. dela. Mosk. gorn. in-t,  
1955, sb. Nr 16, pp 197-202  
ABSTRACT: The author presents a nomograph which shows the  
relationships between basic elements of hydraulic  
cementing process. These elements are: the losses  
of pressure in pipe  $h$ ; the radius of action of the  
machine  $l$ ; the diameter of the pipe conducting the  
wet mixture  $d$ ; the rate of movement of the wet mixture  
in the pipe  $v$ ; the quantity of the dry grout  $Q_m$  and

Card 1/2

15-57-7-10240

Proximate Graphic Determinations of Basic Elements (Cont.)

of the wet mixture  $Q_n$ ; the consistency of the mixture  $K$ ; the density of the mixture  $\mu$ ; and the porosity of the grout  $n$ . The values of these elements may be determined for various conditions by means of this nomograph. The latter also serves to solve inverse problems, such as the one of determining the radius of action of the machine  $l$  from the given losses of pressure. The author explains the theoretical basis of the nomograph and illustrates the method of using it.

Card 2/2

G. A. Teplitskiy

VOROB'YEV, B.M., dotsent, kandidat tekhnicheskikh nauk.

Graphic method for an approximate evaluation of basic elements of hydraulic filling installation. Nauch. trudy MGI no.16:197-202 '55 [cover '56]. (MLBA 10:4)

(Hydraulic mining)

VOROB'YEV, B.M.

VOROB'YEV, B.M.; SONIN, S.D., redaktor; GNEDIN, V.Ye., redaktor;  
IL'INSKAYA, G.M., tekhnicheskii redaktor; ANDREYEV, G.G.,  
tekhnicheskii redaktor.

[Mining thick steeply dipping coal seams and hydraulic  
filling of mined areas] Razrabotka moshchnykh krutopadaiu-  
shchikh plastov; s gidravlicheskoj zakladkoj vyrabotannogo  
prostranstva. Moskva, Ugletekhizdat, 1955. 150 p. [Microfilm]  
(Coal mines and mining) (MLRA 9:1)

VOROB'YEV, B.M.

BAGDASAROV, G.B., inzhener

A valuable work ("Experience in working thick seams using hydraulic stowage in the mines of the Tkibuli Coal Trust."

B.M.Vorob'ev, G.S.Endeladze. Reviewed by G.B.Bagdasarov).

—(Coal mines and mining) (Vorob'ev, B.M.) (Endeladze, G.S.)



FRITSSHE, K.G.[Fritzsche, Carl Hellmut, 1895-]; POTS, Ye.L.[Potts,  
Edward Logan Johnston]; YERSHOV, N.N.[translator];  
~~VOROB'YEV, B.M., red.~~

[Horizontal mining]Etazhnaia razrabotka ugol'nykh mestorozhdenii.  
Moskva, Ugletekhizdat, 1956. 394 p. (MIRA 15:12)  
(Coal mines and mining)

VOROB'YEV, Boris Mikhaylovich; KRYLOV, Vladimir Pedorovich; KULIKOV, A.P.,  
otvetstvennyy redaktor; OKHRIMENKO, V.A., redaktor izdatel'stva;  
ANDREYEV, G.G., tekhnicheskiy redaktor; MADEINSKAYA, A.A.,  
tekhnicheskiy redaktor

[Generalization of the experience of leading crews using the layer  
system of mining with back filling; the I.V.Stalin mine of the  
"Kuzbassugol'" combine] Obobshchenie opyta peredovykh brigad po  
osvoeniiu sloevykh sistem razrabotki s zakladkoi; shakhta im. I.V.  
Stalina kombinata "Kuzbassugol'". Moskva, Ugletekhizdat, 1956, 48 p.  
(MLRA 9:10)

(Kuznetsk Basin--Coal mines and mining)

VOROB'YEV, B.M., dots., kand.tekhn.nauk

Underground sumps in hydraulic filling operations. Nauch. trudy MFI  
no.18:19-26 '57. (MIRA 11:9)  
(Hydraulic mining)

VOROB'YEV B.M.

DOKUKHIN, Aleksandr Viktorovich, prof., doktor tekhn.nauk; ONIKA, Dmitriy Grigor'yevich, doktor tekhn.nauk; VOROB'YEV, B.M., otvetstvennyy red.; FAYBISOVICH, I.L., otvetstvennyy red.; LEVITSKIY, Ya.B., otvetstvennyy red.; KHODAKOV, I.K., red, izd-va; BERLOV, A.P., tekhn.red.; NADZINSKAYA, A.A., tekhn.red.

[Polish coal industry] Ugol'naya promyshlennost' Pol'skoi Narodnoi Respubliki. Moskva, Ugletekhizdat, 1957. 523 p. (MIRA 11:4)  
(Poland--Coal mines and mining)

VOROB'YEV, Boris Mikhaylovich, BOBYLEV, Aleksandr Petrovich, KILYACHKOV, A.P.  
otv.red.; SHUSHKOVSKAYA, Ye.L. red.; VINOGRADOVA, G.V., red.;  
IL'INSKAYA, G.M., tekhn.red.; TERPIGOREV, A.M., red.

[Fundamentals of mining] Osnovy gornogo dela. Pod obshchei red.  
A.M. Terpigoreva. Moskva, Ugletekhizdat, 1958. 320 p. (MIRA 11:9)  
(Mining geology)  
(Mining engineering)

KOSMINSKIY, B.M., kand.ekon.nauk; MATVEYEV, S.D.; TERPIGOREVA, V.D.;  
VOPORUYEV, B.M., kand.tekhn.nauk, otv.red.; MEL'KUMOV, L.G.,  
gorn.inzh., otv.red.; GADZHINSKAYA, M.A., red.-izd-va;  
ALADOVA, Ye.I., tekhn.red.

[English-Russian mining engineering dictionary] Anglo-russkii  
gornotekhnicheskii slovar'. Pod red. B.M.Vorob'eva i L.G.Mel'-  
kumova. Moskva, Ugletekhizdat, 1958. 478 p. (MIRA 11:12)  
(Mining engineering--Dictionaries)  
(English language--Dictionaries--Russian)

VOROB'YEV, B.M., dots., kand.tekhn.nauk

Developing systems of mining flat, thin and medium thickness seams  
leaving waste rock in the mine. Nauch.dokl.vys.shkoly: gor.delo.  
no.4:11-18 ' 58. (MIRA 12:1)

1. Predstavleno kafedroy razrabotki plastovykh nestorozhdeniy Moskov-  
skogo gornogo instituta imeni I.V. Stalina.  
(Mine filling)

KRYLOV, Vladimir Fedorovich, inzh.; PLESHAKOV, Grigoriy Yakovlevich,  
kand.tekhn.nauk; VOROB'YEV, Boris Mikhaylovich, kand.tekhn.nauk;  
ZHUKOV, V.V., otv.red.; SHKLYAR, S.Ia., tekhn.red.

[Working thick sloping coal seams] Iz opyta razrabotki moshchnykh  
pologikh plastov. Moskva, Ugletekhizdat, 1959. 165 p.

(MIRA 12:12)

(Coal mines and mining)



VOROB'YEV, Boris Mikhaylovich, kand.tekhn.nauk; ZHUKOV, V.V., otv.red.;  
IL'INSKAYA, G.M., tekhn.red.

[Filling operations in coal mines] Zakladochnye raboty v ugol'-  
nykh shakhtakh. Moskva, Ugletekhizdat, 1959. 62 p.  
(MIRA 12:10)

(Mine filling)

SONIN, S.D., prof.; VOROB'YEV, B.M., dots.

Variants of the pillar system with panelling and leaving of  
rock in the mine. Ugol' Ukr. 3 no.3:7-12 Mr '59.  
(MIRA 12:5)

(Coal mines and mining)  
(Mine filling)

SONIN, Semen Danilovich; VOROB'YEV, Boris Mikhaylovich; ZHUKOV,  
V.V., otv. red.; SHIRENSKIY, M.M., red. izd-va; MINSKER,  
L.I., tekhn. red.

[Technological flow charts of rock disposal in mines] Tekh-  
nologicheskie skhemy razmeshcheniia porody v shakhte. Mo-  
skva, Gosgortekhnizdat, 1961. 161 p. (MIRA 15:10)  
(Mine filling)

SONIN, S.D., prof.; VOROB'YEV, B.M., dotsent; RESHETNIK, G.I.

Mine filling leaving rock in the mine in hydraulic mining.  
Ugol' Ukr. 5 no.10:27-30 0 '61. (MIRA 14:12)

1. Moskovskiy gornyy institut (for Sonin, Vorob'yev). 2. Glavnyy  
inzhener shakhty No.1/2 "Novo-Golubovka" (for Reshetnik).  
(Hydraulic mining)

VOROB'YEV, B. M., dotsent; YEVTUSHENKO, V. A., starshiy prepodavatel';  
~~YERSHOV, L. V., dotsent~~

Using linear programming methods to determine optimum rock  
flowages in mines. Izv. vys. ucheb. zav.; gor. zhur. no.9:  
77-79 '61. (MIRA 15:10)

1. Moskovskiy gornyy institut imeni Stalina. Rekomendovana  
laboratoriyey elektronnoy modelirovaniya.

(Mining engineering)

VOROB'YEV, B.M., dotsent, kand.tekhn.nauk

Using linear programming methods to determine the optimum rock  
haulage in mines. Nauch. trudy MGI no.38:127-145 '61.  
(MIRA 15:10)

(Mine haulage—Costs) (Linear programming)

KRASNIKOVSKIY, G.V., prof., red.; MALYSHEV, A.S., red.; VOROB'YEV, B.M., dots., kand. tekhn. nauk, red.; KALMYK, M.K., gornyy inzh., red.; ZHUKOV, V.V., kand. tekhn. nauk, otv. red.; SMIRENSKIY, M.M., red. izd-va; SABITOV, A., tekhn. red.

[Problems in mining engineering; collected articles on the occasion of the 70th birthday of Professor S.D.Sonin] Voprosy gornogo dela; sbornik statei, posviashchenyi 70-letiu so dnia rozhdeniia professora S.D.Sonina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 402 p. (MIRA 15:5)

1. Zaveduyushchiy kafedroy razrabotki plastovykh mestorozhdeniy Moskovskogo gornogo instituta (for Krasnikovskiy). (Sonin, Semen Danilovich, 1891-- ) (Coal mines and mining)

BURCHAKOV, A.S., prof.; VOROB'YEV, B.M., dotsent; AVDULOV, P.V.,  
aspirant; SHORIN, V.G., prof.; LIKHTERMAN, S.S.; BUSAROV, Yu.F.

Experimental application of network planning in operating  
mines. Ugol' 40 no.11:44-47 '65. (MIRA 18:11)

1. Moskovskiy institut radioelektroniki i gornoy elektromekhaniki  
(for Burchakov, Vorob'yev, Avdulov, Shorin). 2. Glavnyy inzh.  
shakhty No.1 "Bibikovskaya" (for Likhterman). 3. Pomoshchnik  
glavnogo inzhenera shakhty No.1 "Bibikovskaya" (for Busarov).



BURCHAKOV, A.S., prof.; VOROB'YEV, B.M., dotsent; SHORIN, V.G., prof.; AVDULOV,  
P.V., gornyy inzh.

Structure of the system of operational control in coal mines. Ugol'  
40 no.9:46-49 8 '65. (MIRA 18:10)

TSIOLKOVSKIY, Konstantin Eduardovich; VOROB'YEV, B.N., red.

[Life in the interstellar environment] Zhizn' v mezh-  
zvezdnoi srede. Moskva, Nauka, 1964. 82 p.  
(MIRA 18:1)

VOROB'EV, Boris Nikitich

Sovremennoe sostoiianie upravliaemogo vozdukhoplavaniia i problemy ego razvitiia v SSSR  
[Present state of controlled air navigation and the problems of its development in  
the USSR]. Izlozhenie doklada presidiumu Tsentral'nogo soveta Osoaviakhima SSSR  
na zasedanii 19 sent. 1929 g. (AViatsiia i khimiia, Dec. 1929, p. 13, illus.).

DLC: TL504.Z3

Zadachi i perspektivy vozdushnogo soobshcheniia na dirizhabakh. [Problems and pro-  
spects of airship transports]. (Sovetskaiia Azia, 1930, no. 3-4, p. 108-129).

DLC: H8.S4 Slav.

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,  
Reference Department, Washington, 1952, Unclassified.

Y  
VOROB'EV, Boris Nikitich

Razvitie vozdushnogo soobshcheniia na dirizhablakh i rol' ikh v osvoenii Severa.  
[Development of airship transportation and its part in familiarization of the  
northern regions]. (In Vozdushnye puti Severa. Moskva, 1933, p. 50-79, illus).

DLC: TL532.V6

Transsibirshii put' na dirizhablakh. [The Transsiberian route by airships]. (Aviatsiia  
i khimiia, 1927, no. 10-11, illus.).

DLC: TL504.Z3

Transsibirshii vozdushnyi put' [Trans-Siberian air route] (Soverskaia Azia, 1930,  
no. 3-4, p. 310-311).

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